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MA 6 2001

1646 #5

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RAW SEQUENCE LISTING
PATENT APPLICATION: US/09/718,591A

DATE: 05/14/2001
TIME: 16:11:09

Input Set : A:\6633US02.txt
Output Set: N:\CRF3\05142001\I718591A.raw

4 <11.0> APPLICANT: Abbott Laboratories
5 Haviv, Fortuna
6 Henkin, Jack
7 Bradley, Michael F.
8 Kalvin, Douglas M.
9 Schneider, Andrew J.
11 <120> TITLE OF INVENTION: PEPTIDES HAVING ANTIANGIOGENIC ACTIVITY
14 <130> FILE REFERENCE: 6633.US.02
16 <140> CURRENT APPLICATION NUMBER: 09/718,591A
17 <141> CURRENT FILING DATE: 2000-11-22
19 <150> PRIOR APPLICATION NUMBER: US 60/166,791
20 <151> PRIOR FILING DATE: 1999-11-22
22 <160> NUMBER OF SEQ ID NOS: 1
24 <170> SOFTWARE: FastSEQ for Windows Version 4.0
26 <210> SEQ ID NO: 1
27 <211> LENGTH: 11
28 <212> TYPE: PRT
29 <213> ORGANISM: Antiangiogenic Peptide
31 <220> FEATURE:
32 <221> NAME/KEY: VARIANT
33 <222> LOCATION: (1)...(1)
34 <223> OTHER INFORMATION: Xaa = R1-(CH₂)_n-C(=O)- wherein R is N-acetyl amino
35 at position 1
37 <221> NAME/KEY: VARIANT
38 <222> LOCATION: (2)...(2)
39 <223> OTHER INFORMATION: Xaa = Ala, B-Ala, Asn, Cit, Gly(Et), Gln, Glu,
40 Met, N-MeAla, N-MePro, Pro, Glu(pyro), and Sar at
41 position 2
43 <221> NAME/KEY: VARIANT
44 <222> LOCATION: (2)...(2)
45 <223> OTHER INFORMATION: Xaa = Ser, Thr, H₃C-C(=O)-HN-(CH₂)_q-C(=O)-, wherein
46 q is an integer, and
47 H₃C-C(=O)-HN-CH₂CH₂-O-(CH₂CH₂O)_r-CH₂-C(=O)-, wherein
48 r is an integer at position 2
50 <221> NAME/KEY: VARIANT
51 <222> LOCATION: (3)...(3)
52 <223> OTHER INFORMATION: Xaa = Ala, Asn, Asp, Gln, Glu, Gly, Leu, Met,
53 PheAla, Pro, and Ser at position 3
55 <221> NAME/KEY: VARIANT
56 <222> LOCATION: (4)...(4)
57 <223> OTHER INFORMATION: Xaa = AlloIle, AllylGly, 2-Abu, (IR,4S)AmCyeCO,
58 Asp, 5-BrThiAla, 3-ClPheAla, 4-ClPheAla,
59 3-CNpheAla, Cys(Et), Cys(Me), 2,3-Diapr,
60 2,4-Diabu, 3,4-diOMePheAla at position 4
62 <221> NAME/KEY: VARIANT
63 <222> LOCATION: (4)...(4)
64 <223> OTHER INFORMATION: Xaa = 3-FPheAla, 4-FPheAla, His, HPheAla, HSer,

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65 Lys(Ac), Met(O2), Met(O), 4-MePheAla, 1-Nal,
66 2-Nal, Orn, PheGly, Pro, 3-Pal, 3-ThzAla, 2-ThiAla
67 at position 4
69 <221> NAME/KEY: VARIANT
70 <222> LOCATION: (4)...(4)
71 <223> OTHER INFORMATION: Xaa = Ser(Bzl), StyAla, Tic, Trp, and Tyr at
72 position 4
74 <221> NAME/KEY: VARIANT
75 <222> LOCATION: (5)...(5)
76 <223> OTHER INFORMATION: Xaa = AlloIle, deLeu, Gly, Ile, and Pro at
77 position 5
79 <221> NAME/KEY: VARIANT
80 <222> LOCATION: (6)...(6)
81 <223> OTHER INFORMATION: Xaa = Ala, AlloThr, AllylGly, Asn, Cys, Gln, Gly,
82 His, HSer, 4-OHMePheAla, Ile, Lys(Ac), Met, 1-Nal,
83 2-Nal, Nva, OctylGly, Orn, Pen, Pro, 3-Pal, Ser,
84 Thr, Trp, and Tyr at position 6
86 <221> NAME/KEY: VARIANT
87 <222> LOCATION: (7)...(7)
88 <223> OTHER INFORMATION: Xaa = Ala, AllylGly, 2-Abu, Arg, Asn, Asp,
89 CamDpheAla, Cit, Cha, Cys, Gln, Glu, Gly, His,
90 HAla, Hile, HSer, Ile, Leu, Lys(Ac) at position 7
92 <221> NAME/KEY: VARIANT
93 <222> LOCATION: (7)...(7)
94 <223> OTHER INFORMATION: Xaa = Lys(Isp), Met(O2), Met(O), Met, 1-Nal,
95 2-Nal, Nle, Nva, OctylGly, Pen, PheAla, PropGly,
96 3-Pal, Ser, Thr, Trp, Tyr, and Val at position 7
98 <221> NAME/KEY: VARIANT
99 <222> LOCATION: (8)...(8)
100 <223> OTHER INFORMATION: Xaa = Ala, AlloIle, AllylGly, Asp, Gly(t-Bu), Cit,
101 Cha, Cys, Glu, Gly, HSer, Ile, Leu, Lys(Ac),
102 Met, 1-Nal, 2-Nal, Nva, Pen, PheAla, Pro, Ser, Trp,
103 Tyr, and Val at position 8
105 <221> NAME/KEY: VARIANT
106 <222> LOCATION: (9)...(9)
107 <223> OTHER INFORMATION: Xaa = AimPheAla, AiPheAla, Arg, Arg(diethyl), Cit,
108 Cha(Isp), Gly(pipad), GuaAla, 4-GuaPheAla, His,
109 HArg, Lys, Lys(Isp) at position 9
111 <221> NAME/KEY: VARIANT
112 <222> LOCATION: (9)...(9)
113 <223> OTHER INFORMATION: Xaa = Lys(Nic), NArg, Orn(Isp), Orn(Nic),
114 Orn(Imd), (pipamid)Ala, and (pyramid)Ala at
115 position 9
117 <221> NAME/KEY: VARIANT
118 <222> LOCATION: (10)...(10)
119 <223> OTHER INFORMATION: Xaa = 2-Abu, Aib, Gly(t-Bu), HPro, OHPro, Ile,
120 Leu, PheAla, Pro, Ser, Tic, Thr, and Val at
121 position 10
123 <221> NAME/KEY: VARIANT

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124 <222> LOCATION: (11)...(11)
125 <223> OTHER INFORMATION: Xaa = AzaGlyNH2, GlyNH2, GlyNH-ethyl, SarNH2, and
126 SerNH2 at position 11
128 <400> SEQUENCE: 1
W--> 129 Xaa
130 1 5 10

VERIFICATION SUMMARY

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L:129 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#1